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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/934,201	08/21/2001	Edwin L. Adair	7018-23-CIP9	8007

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EXAMINER	
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ART UNIT	**PAPER NUMBER**
2613	

DATE MAILED: 01/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

SUPPLEMENTAL **Notice of Allowability**	**Application No.** 09/934,201	**Applicant(s)** ADAIR ET AL.	
	Examiner Andy S. Rao	**Art Unit** 2613	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the amendment filed on 4/22/05 the telephonic communication of 8/3/05*.

2. ☒ The allowed claim(s) is/are *1-60, and 65-66 (respectively renumbered as 1-62)*.

3. ☐ The drawings filed on _____ are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 4/7/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

ANDY RAO
PRIMARY EXAMINER

Allowable Subject Matter

1. Claims 1-60, and 65-66 are allowed.

Independent claims l, 9, 17, 45, 49, and 53 are directed towards a wireless telephone including a specifically recited camera module characterized by being "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, a first circuit board mounted in said camera module adjacent said image sensor and electrically coupled to said image sensor, said first circuit board including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating with said first circuit board to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claims 5 and 29 are directed towards a wireless telephone with a transceiver radio element not required to be in the camera module including a specifically recited camera module characterized by being "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, a first circuit board mounted in said camera module adjacent said image sensor and electrically coupled to said image sensor, said first circuit board including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating with said

first circuit board to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claim 13 is directed towards a wireless telephone with no first circuit board claimed including a specifically recited camera module characterized by being "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, adjacent said image sensor and electrically coupled to said image sensor, including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claim 21 is directed towards a wireless telephone with the first circuit board not required to be in camera module including a specifically recited camera module characterized by being "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, a first circuit board mounted in said camera module adjacent said image sensor and electrically coupled to said image sensor, said first circuit board including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating with said first circuit board to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record.

Independent claim 25 is directed towards a wireless telephone with circuitry means for timing and control, first circuit board, and transceiver radio element not required to be in camera module including a specifically recited camera module characterized by being "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, a first circuit board mounted in said camera module adjacent said image sensor and electrically coupled to said image sensor, said first circuit board including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating with said first circuit board to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claim 33 is directed towards a wireless telephone with no first circuit board claimed and transceiver radio element not required to be a specifically recited camera module characterized by being "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, adjacent said image sensor and electrically coupled to said image sensor, including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claim 37 is directed towards a

wireless telephone with circuitry means for timing and control, a first circuit board, and transceiver radio element not required to be in "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, a first circuit board mounted in said camera module adjacent said image sensor and electrically coupled to said image sensor, said first circuit board including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating with said first circuit board to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claim 41 is directed towards a wireless telephone with no first circuit board claimed, and circuitry means for timing and control and transceiver radio element not required to be "a camera module housing an image sensor therein, said image sensor including an array of pixels for receiving images thereon, said image sensor further including circuitry means on said first plane and coupled to said array of pixels for timing and control of said array of pixels, said image sensor producing a pre-video signal, adjacent said image sensor and electrically coupled to said image sensor, including circuitry means for converting said pre-video signal to a desired video format, said camera module further including a transceiver radio element mounted therein and electrically communicating to transmit said converted pre-video signal..." which is a feature that is not anticipated nor obvious over the art of record. Independent claim 57 recites a method including video telephone including "removing the camera from connection with the video telephone; pointing the camera module at a targeted

object and selectively taking video images of the targeted object; and wirelessly transmitting..." as in the claim. Independent claim 59 recites a method including video telephone including means for wirelessly interconnecting said camera module to said wireless telephone, said means for wirelessly interconnecting enabling said camera module to be selectively displaced away from and not in contact with said wireless telephone; and a video monitor attached to said wireless phone for selectively viewing video images taken by said camera module, and for selectively viewing incoming video images transmitted by another party..." which is a feature that is not anticipated nor obvious over the art of record. Independent claims 65 and 66 recite a video telephone with a one charge circuit for charging both a camera battery and a telephone battery which is not anticipated nor obvious over the art of record. Dependent claims 2-4, 6-8, 10-12, 14-16, 18-20, 22-24, 26-28, 30-32, 34-36, 38-40, 42-44, 46-48, 50-52, 54-56, 58, and are allowed for the reasons concerning the independent claims.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andy S. Rao whose telephone number is (571)-272-7337. The examiner can normally be reached on Monday-Friday 8 hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad S. Dastouri can be reached on (571)-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Andy S. Rao
Primary Examiner
Art Unit 2613

ANDY RAO
PRIMARY EXAMINER

asr
July 11, 2005